Listing of the Claims:

The following is a complete listing of all the claims in the application, with an indication of the status of each:

1 (Currently Amended). An apparatus for the transmission of time-synchronous data from a sender to a receiver using a network, wherein the time-synchronous data is processed and transmitted at the sender as well as the receiver, the mechanism comprising:

a first processing unit composed of multiple subcomponents, each subcomponent being designed to process the time-synchronous data in a specific and different way;

~~and~~ a second processing unit parallel to the first processing unit, said second processing unit being composed of multiple subcomponents, each subcomponent being designed to process the time-synchronous data in a specific and different way, wherein the subcomponents of the second processing unit ~~is~~ are setup and/~~or~~ adapted based on changed sender data rate or network characteristics by configuring attribute parameters of the subcomponents, wherein data processing and transmission of the time-synchronous data is continued within the first processing unit during the setup and ~~adaption~~ adaptation of the second processing unit; and

a switch selecting between the first and second processing units, the processing and transmission of the time-synchronous data initially being performed by the first processing unit and, after switching by the switch, the processing and transmission of the time-synchronous data is performed using the second processing unit such that the processing and transmission of the time-synchronous data is performed within the second processing unit.

2 (Currently Amended). The apparatus according to claim 1, wherein the setup and/~~or~~ adaptation of the second processing is started using a trigger event.

3 (Previously Presented). The apparatus according to claim 1, wherein the switching is performed after completion of the setup and adaptation of the second processing unit.

4 (Previously Presented). The apparatus according to claim 1, wherein the switching is performed after reaching a certain switching condition.

5 (Previously Presented). The apparatus according to claim 4, wherein the certain switching condition is whether at least one given parameter reaches at a predetermined value.

6 (Previously Presented). The apparatus according to claim 1, wherein the time-synchronous data is processed in the first processing unit using a plurality of subcomponents.

7 (Previously Presented). The apparatus according to claim 6, wherein the subcomponents include at least one of a codec, a filter, a packetizer, and a memory buffer.

8 (Previously Presented). The apparatus according to claim 1, wherein the time-synchronous data is processed in the second processing unit using a plurality of subcomponents.

9 (Previously Presented). The apparatus according to claim 8, wherein the subcomponents include at least one of a codec, a filter, a packetizer, and a memory buffer.

10 (Previously Presented). The apparatus according to one claim 8, wherein the subcomponents are connected during setup.

11 (Previously Presented). The apparatus according to claim 1, wherein the first and second processing unit is initialized after setup.

12 (Previously Presented). The apparatus according to claim 8, wherein each of the subcomponents of the second processing unit is adapted to the other subcomponents or changed sender data rate or changed network characteristics.

13 (Previously Presented). The apparatus according to claim 6, wherein, after switching by the switch, the subcomponents of the first processing unit are de-attached from each other.

14 (Previously Presented). The apparatus according to claim 13, wherein a plurality of the second processing units is setup and, after switching by the switch, the subcomponents of the first processing unit are included in one of the second processing units.

15 (Previously Presented). The apparatus according to claim 6, wherein after switching by the switch, the subcomponents of the first processing unit remain connected.

16 (Currently Amended). The apparatus according to claim 1, wherein a plurality of second processing units are setup and~~/or~~ adapted based on changed data ~~load~~ rate and network characteristics.

17 (Previously Presented). The apparatus according to claim 1, wherein an additional processing unit for the processing and transmission of time-synchronous data is used in sequence with the first and second processing units.

18 (Previously Presented). The apparatus according to claim 1, wherein the time-synchronous data is gathered with one of mechanisms for acquiring visual data and speech data.